

OIFE

#2

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/839,946

DATE: 05/10/2001
 TIME: 08:53:48

ENTERED

Input Set : A:\MVIEW1A2DV1.TXT
 Output Set: N:\CRF3\05102001\I839946.raw

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4 <110> APPLICANT: Williams, L. David
5   Hershfield, Michael S.
6   Kelly, Susan J.
7   Saifer, Mark G.P.
8   Sherman, Merry R.
10 <120> TITLE OF INVENTION: PEG-URATE OXIDASE CONJUGATES AND USE
11   THEREOF
13 <130> FILE REFERENCE: MVIEW.1A2DV1
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/839,946
C--> 15 <141> CURRENT FILING DATE: 2001-04-19
15 <150> PRIOR APPLICATION NUMBER: 09/370,084
16 <151> PRIOR FILING DATE: 1999-08-06
18 <150> PRIOR APPLICATION NUMBER: 09/130,392
19 <151> PRIOR FILING DATE: 1998-08-06
21 <150> PRIOR APPLICATION NUMBER: 60/219,318
22 <151> PRIOR FILING DATE: 1999-08-05
24 <160> NUMBER OF SEQ ID NOS: 2
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 304
30 <212> TYPE: PRT
31 <213> ORGANISM: Sus scrofa
33 <400> SEQUENCE: 1
34 Met Ala His Tyr Arg Asn Asp Tyr Lys Lys Asn Asp Glu Val Glu Phe
35 1 5 10 15
36 Val Arg Thr Gly Tyr Gly Lys Asp Met Ile Lys Val Leu His Ile Gln
37 20 25 30
38 Arg Asp Gly Lys Tyr His Ser Ile Lys Glu Val Ala Thr Ser Val Gln
39 35 40 45
40 Leu Thr Leu Ser Ser Lys Lys Asp Tyr Leu His Gly Asp Asn Ser Asp
41 50 55 60
42 Val Ile Pro Thr Asp Thr Ile Lys Asn Thr Val Asn Val Leu Ala Lys
43 65 70 75 80
44 Phe Lys Gly Ile Lys Ser Ile Glu Thr Phe Ala Val Thr Ile Cys Glu
45 85 90 95
46 His Phe Leu Ser Ser Phe Lys His Val Ile Arg Ala Gln Val Tyr Val
47 100 105 110
48 Glu Glu Val Pro Trp Lys Arg Phe Glu Lys Asn Gly Val Lys His Val
49 115 120 125
50 His Ala Phe Ile Tyr Thr Pro Thr Gly Thr His Phe Cys Glu Val Glu
51 130 135 140
52 Gln Ile Arg Asn Gly Pro Pro Val Ile His Ser Gly Ile Lys Asp Leu
53 145 150 155 160
54 Lys Val Leu Lys Thr Thr Gln Ser Gly Phe Glu Gly Phe Ile Lys Asp
55 165 170 175
56 Gln Phe Thr Thr Leu Pro Glu Val Lys Asp Arg Cys Phe Ala Thr Gln
57 180 185 190

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58 Val Tyr Cys Lys Trp Arg Tyr His Gln Gly Arg Asp Val Asp Phe Glu
59      195      200      205
60 Ala Thr Trp Asp Thr Val Arg Ser Ile Val Leu Gln Lys Phe Ala Gly
61      210      215      220
62 Pro Tyr Asp Lys Gly Glu Tyr Ser Pro Ser Val Gln Lys Thr Leu Tyr
63 225      230      235      240
64 Asp Ile Gln Val Leu Thr Leu Gly Gln Val Pro Glu Ile Glu Asp Met
65      245      250      255
66 Glu Ile Ser Leu Pro Asn Ile His Tyr Leu Asn Ile Asp Met Ser Lys
67      260      265      270
68 Met Gly Leu Ile Asn Lys Glu Glu Val Leu Leu Pro Leu Asp Asn Pro
69      275      280      285
70 Tyr Gly Arg Ile Thr Gly Thr Val Lys Arg Lys Leu Thr Ser Arg Leu
71      290      295      300
74 <210> SEQ ID NO: 2
75 <211> LENGTH: 304
76 <212> TYPE: PRT
77 <213> ORGANISM: Papio hamadryas
79 <400> SEQUENCE: 2
80 Met Ala Asp Tyr His Asn Asn Tyr Lys Lys Asn Asp Glu Leu Glu Phe
81 1      5      10      15
82 Val Arg Thr Gly Tyr Gly Lys Asp Met Val Lys Val Leu His Ile Gln
83      20      25      30
84 Arg Asp Gly Lys Tyr His Ser Ile Lys Glu Val Ala Thr Ser Val Gln
85      35      40      45
86 Leu Thr Leu Ser Ser Lys Lys Asp Tyr Leu His Gly Asp Asn Ser Asp
87      50      55      60
88 Ile Ile Pro Thr Asp Thr Ile Lys Asn Thr Val His Val Leu Ala Lys
89 65      70      75      80
90 Phe Lys Gly Ile Lys Ser Ile Glu Ala Phe Gly Val Asn Ile Cys Glu
91      85      90      95
92 Tyr Phe Leu Ser Ser Phe Asn His Val Ile Arg Ala Gln Val Tyr Val
93      100      105      110
94 Glu Glu Ile Pro Trp Lys Arg Leu Glu Lys Asn Gly Val Lys His Val
95      115      120      125
96 His Ala Phe Ile His Thr Pro Thr Gly Thr His Phe Cys Glu Val Glu
97      130      135      140
98 Gln Leu Arg Ser Gly Pro Pro Val Ile His Ser Gly Ile Lys Asp Leu
99 145      150      155      160
100 Lys Val Leu Lys Thr Thr Gln Ser Gly Phe Glu Gly Phe Ile Lys Asp
101      165      170      175
102 Gln Phe Thr Thr Lys Pro Glu Val Lys Asp Arg Cys Phe Ala Thr Gln
103      180      185      190
104 Val Tyr Cys Lys Trp Arg Tyr His Gln Cys Arg Asp Val Asp Phe Glu
105      195      200      205
106 Ala Thr Trp Gly Thr Ile Arg Asp Leu Val Leu Glu Lys Phe Ala Gly
107      210      215      220
108 Pro Tyr Asp Lys Gly Glu Tyr Ser Pro Ser Val Gln Lys Thr Leu Tyr
109 225      230      235      240

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110	Asp	Ile	Gln	Val	Leu	Ser	Leu	Ser	Arg	Val	Pro	Glu	Ile	Glu	Asp	Met
111				245						250					255	
112	Glu	Ile	Ser	Leu	Pro	Asn	Ile	His	Tyr	Phe	Asn	Ile	Asp	Met	Ser	Lys
113				260						265					270	
114	Met	Gly	Leu	Ile	Asn	Lys	Glu	Glu	Val	Leu	Leu	Pro	Leu	Asp	Asn	Pro
115				275						280					285	
116	Tyr	Gly	Lys	Ile	Thr	Gly	Thr	Val	Lys	Arg	Lys	Leu	Ser	Ser	Arg	Leu
117				290				295							300	

VERIFICATION SUMMARY

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Input Set : A:\MVIEW1A2DV1.TXT

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L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date